Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 24 Jul 2021 until 23:59 on Sunday 25 Jul 2021

Forecast Issued on Friday 23 Jul 2021 at 13:30

Confidence: High for becoming more changeable over the weekend, with showers or longer spells of rain. Medium for timing of low cloud clearance on Saturday morning.

Headline for Saturday 24 Jul 2021: Low cloud clearing to hazy sunshine.

Mountain weather hazards on Saturday 24 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Haze	Haze	Haze	Cloudy
Precipitation probability							
10%	10%	20%	10%	<05%	<05%	<05%	00%

Forecast for Saturday 24 Jul 2021

Weather: Low cloud will drift back inland from the North Sea overnight, becoming widespread by the morning with a chance of hill fog over the highest peaks. Any low cloud will however burn back towards the coast by daytime, allowing plenty of sunshine though often hazy in the afternoon. Low cloud then returning from th east during the evening, though perhaps patchier and confined into the east of the Park.

Chance of cloud free mountain/hill tops above 600m: 70% in the west, but 10% in the east initially, before becoming greater than 95% throughout by midday. Reducing to 80% in the east from late evening.

Visibility: Mediocre in cloud between 400-600 m but improving through the morning, with cloud base slowly rising and breaking. Slightly hazy beneath the cloud base, but generally good visibilities. Distant hills becoming more easily visible during the afternoon. Patches of cloud likely lowering to around 600-700m from late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 24 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 E	18/26 E	20/28 E	20/28 E	15/23 E	15/23 E	16/24 E	13/20 E	12/18 NE
300	11/19 E	11/20 E	14/24 E	13/21 E	12/20 E	13/21 E	13/21 E	10/17 NE	9/17 NE
Valley	13/24 E	11/22 E	12/26 E	12/24 E	11/21 E	12/22 E	11/22 E	9/18 E	8/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	10/6	11/7	13/10	15/12	14/11	11/9	11/8
300	13/12	12/10	12/10	14/11	16/14	18/16	17/15	14/13	13/12
Valley	14/12	14/12	14/11	15/13	18/16	20/17	18/16	15/14	14/13
Freezing Level*	2600m	2700m	2600m	2600m	2700m	2800m	2800m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection and water supplies highly recommended as the sun will remain strong despite the hazy conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 22 Jul 2021	0mm	0mm	0mm

Forecast for Sunday 25 Jul 2021

Weather: Rather cloudy but dry overnight. Sunny spells and a few isolated showers developing by day.

Maximum wind: North-easterly 10-12 mph gusts 20 mph

Chance of cloud free mountain/hill tops above 600m: 90% in the west, but 30-40% in the east initially but improving rapidly to 95% or more.

Visibility: Mediocre in any patchy low cloud before dawn, with bases around 300-500 m but becoming excellent all around, with good panoramic views.

Temperature: **Valleys:** Plus 14 becoming Plus 25 Celsius.
At 600m: Plus 10 becoming Plus 18 Celsius.
Freezing level: Above summits.

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